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SEQUENCE LISTING

<110> Her Majesty the Queen in Right of Canada as Represented by
the Minister of Health

<120> Anti-SARS Monoclonal Antibodies

<130> 85084-803

<150> US60/526971

<151> 2003-12-05

<150> US60/568225

<151> 2004-05-06

<160> 43

<170> PatentIn version 3.2

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Gly Gly Ile Asn Pro Asn Asn Gly Gly Thr Thr Tyr Asn Gln Lys Phe
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Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn Thr Ala Tyr
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 35 40 45

Ala Ile Tyr Pro Gly Asn Ser Asp Thr Thr Tyr Asn Gln Lys Phe Lys
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Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Thr Ser Thr Ala Tyr Met
 65 70 75 80

Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys Thr
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 35 40 45

Ala Ile Tyr Pro Gly Asn Ser Asp Thr Ser Tyr Asn Gln Lys Phe Lys
 50 55 60

Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Ala Ser Thr Ala Tyr Met
 65 70 75 80

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Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys Thr
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Gly Ala Ile Tyr Pro Glu Asn Ser Asp Thr Ser Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Ala Ser Thr Ala Tyr
65 70 75 80

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85 90 95

Thr Arg Ser Val Tyr Tyr Gly Tyr Gly Tyr Phe Asp Val Trp Gly Ala
100 105 110

Gly Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser Val
115 120 125

Tyr Pro Leu Ala Pro Val Cys Gly Asp Thr Thr Gly Ser Ser Val Thr
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Leu Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro Val Thr Leu Thr
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Trp Asn Ser Gly Ser Leu Ser Ser Gly Val His Thr Phe Pro Ala Val
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Gly Ala Ile Tyr Pro Gly Asn Ser Asp Thr Asn Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Arg Ala Thr Leu Thr Ala Val Thr Ser Thr Ser Thr Ala Ser
65 70 75 80

Met Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

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 35 40 45

Gly Ala Ile Tyr Pro Gly Asn Ser Asp Thr Thr Tyr Asn Gln Lys Phe
 50 55 60

Lys Asp Lys Ala Lys Leu Thr Ala Val Thr Ser Thr Ser Ser Ala Tyr
 65 70 75 80

Met Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Phe Cys
 85 90 95

Thr Arg Glu Gly Ile Pro Gln Leu Leu Arg Thr Leu Asp Tyr Trp Gly
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Val Tyr Pro Leu Ala
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Gly Ile Ile Trp Thr Gly Gly Gly Thr Ser Tyr Asn Ser Ala Phe Met
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Leu Ala
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Thr Asn Tyr Trp Ile His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu
50 55 60

Glu Trp Ile Gly Glu Ile Asn Pro Gly Asn Gly Arg Thr Asn Tyr Asn
65 70 75 80

Gly Asn Phe Met Asn Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn
85 90 95

Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
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Ile His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly
 35 40 45

Glu Ile Asn Pro Ser Asn Gly Arg Thr Asn Tyr Asn Gly Asn Phe Glu
 50 55 60

Ser Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn Thr Ala Tyr Met
 65 70 75 80

His Leu Ser Ser Leu Thr Tyr Glu Asp Ser Ala Val Tyr His Cys Thr
 85 90 95

Arg Leu Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser Ala
 100 105 110

Lys Thr Thr Ala Pro Ser Val Tyr Pro Leu Ala
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Lys Leu Leu Ile Lys Tyr Ala Ser Asn Leu Glu Ser Gly Val Pro Ala
 50 55 60

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Arg Phe Ser Gly Ser Gly Ser Gly Ser Asp Phe Thr Leu Asn Ile His
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Pro Val Glu Glu Gly Asp Thr Ala Thr Tyr Tyr Cys Gln His Ser Trp
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35 40 45

Tyr Ala Ala Ser Thr Leu Asp Ser Gly Val Pro Lys Arg Phe Ser Gly
50 55 60

Ser Arg Ser Gly Ser Asp Tyr Ser Leu Thr Ile Ser Ser Leu Glu Ser
65 70 75 80

Glu Asp Phe Ala Asp Tyr Tyr Cys Leu Gln Tyr Ile Ser Tyr Pro Trp
85 90 95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
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Pro Thr Val Ser
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 Val Val Trp Tyr Gln Gln Lys Pro Gly Gln Phe Pro Lys Leu Leu Ile
 35 40 45
 Tyr Trp Ala Ser Thr Arg His Thr Gly Val Pro Asp Arg Phe Thr Gly
 50 55 60
 Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Val Gln Ala
 65 70 75 80
 Glu Asp Leu Ala Leu Tyr Tyr Cys Gln Gln His Tyr Thr Thr Pro Tyr
 85 90 95
 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
 100 105 110
 Pro Thr Val Ser
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 35 40 45
 Tyr Trp Ala Ser Thr Arg His Thr Gly Val Pro Asp Arg Phe Thr Gly
 50 55 60
 Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Val Gln Ala
 65 70 75 80
 Glu Asp Leu Ala Leu Tyr Tyr Cys Gln Gln His Tyr Ser Thr Pro Tyr
 85 90 95
 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
 100 105 110
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Untitled.ST25

100 105 110

Pro Thr Val Ser
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Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile
35 40 45

Tyr Tyr Thr Ser Arg Leu His Ala Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Ser Asn Leu Glu Gln
65 70 75 80

Glu Asp Ile Ala Thr Tyr Phe Cys Gln Gln Gly Tyr Thr Leu Pro Tyr
85 90 95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
100 105 110

Pro Thr Val Ser Lys Gly Glu Phe Gln His Thr Gly Gly Arg Tyr
115 120 125

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Tyr Ala Ala Ser Thr Leu Asp Ser Gly Val Pro Lys Arg Phe Ser Gly
50 55 60

Ser Arg Ser Gly Ser Asp Tyr Ser Leu Thr Ile Ser Ser Leu Glu Ser
65 70 75 80

Glu Asp Phe Ala Asp Tyr Tyr Cys Leu Gln Tyr Val Ser Tyr Pro Trp
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Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala
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Pro Thr Val
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Glu Lys Val Thr Ile Thr Cys Arg Ala Ser Ser Ser Ile Ser Ser Asn
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Tyr Leu His Trp Tyr Gln Gln Lys Pro Gly Ser Ser Pro Lys Leu Leu
35 40 45

Ile Tyr Arg Thr Ser Ile Leu Ala Ser Gly Val Leu Asp Thr Phe Ser
50 55 60

Gly Ser Gly Ser Glu Ser Ser Tyr Thr Leu Thr Ile Ser Cys Met Gln
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100 105 110

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 35 40 45
 Ser Glu Gly Asn Ile Phe Ser Pro Gly Val Pro Ser Arg Phe Ser Ser
 50 55 60
 Ser Gly Asn Gly Thr Asp Phe Val Phe Thr Val Glu Asn Thr Leu Ser
 65 70 75 80
 Glu Asp Val Ala Asp Asn Tyr Cys Leu Gln Ser Asp Asn Met Pro Phe
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 Pro Thr Val Ser
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 35 40 45
 Ser Glu Gly Asn Ile Phe Ser Pro Gly Val Pro Ser Arg Phe Ser Ser
 50 55 60
 Ser Gly Asn Gly Thr Asp Phe Val Phe Thr Ile Glu Asn Thr Leu Ser
 65 70 75 80
 Glu Asp Val Ala Asn Asn Tyr Cys Phe Gln Ser Asp Asn Met Pro Phe
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Pro Thr Val Ser
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ggcacactgg agtccctgat cgcttcacag gcagtggatc tgggacagat tatactctca 240
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<210> 32
<211> 350
<212> DNA
<213> Mus musculus

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gaagatattg ccacttactt ttgccaacag gggtatacgc ttccgtacac gttcggaggg 300
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<211> 345
<212> DNA
<213> Mus musculus

<400> 33

Untitled.ST25

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 <212> DNA
 <213> Mus musculus

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<210> 39
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<220>
 <223> forward primer for nested PCR of polymerase gene

<400> 39
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<210> 40
 <211> 18
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<220>
 <223> reverse primer for nested pcr of polymerase gene

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<210> 41
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Untitled.ST25

<223> forward primer for real-time pcr of nucleoprotein

<400> 41

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21

<210> 42

<211> 25

<212> DNA

<213> Artificial

<220>

<223> reverse primer for real-timer pcr of nucleoprotein

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25

<210> 43

<211> 16

<212> DNA

<213> Artificial

<220>

<223> TaqMan MGB probe - has 5' 6-carboxyfluorescein reporter dye

<400> 43

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16